

WHAT IS CLAIMED IS:

1. An ink set for inkjet recording, comprising at least three kinds of inkjet inks, each of which includes a coloring agent dissolved or dispersed in an aqueous or oily medium and has a maximum absorption spectrum in a spectral absorption region different from each other,

wherein, when a photographic printing is performed on a reflection-type image-receiving medium using the ink set and a forced discoloration rate constant with an ozone gas of each ink is determined in each printed region of said at least three kinds of inks, the ratio of any two of the forced discoloration rate constants is from 0.5 to 2.0.

2. The ink set for inkjet recording as claimed in claim 1, which comprises at least one cyan ink, at least one magenta ink and at least one yellow ink.

3. The ink set for inkjet recording as claimed in claim 1, which comprises at least one black ink.

4. The ink set for inkjet recording as claimed in claim 1, which comprises two cyan inks, two magenta inks and two yellow inks.

5. The ink set for inkjet recording as claimed in

claim 1, wherein the coloring agent is a dye.

6. The ink set for inkjet recording as claimed in claim 1, wherein the coloring agent is a pigment.

7. The ink set for inkjet recording as claimed in claim 1, wherein the coloring agent includes a dye and a pigment.

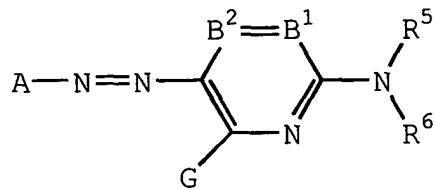
8. The ink set for inkjet recording as claimed in claim 1, wherein the ratio of any two of the forced discoloration rate constants is from 0.7 to 1.4.

9. The ink set for inkjet recording as claimed in claim 1, wherein the ratio of any two of the forced discoloration rate constants is from 0.8 to 1.25.

10. The ink set for inkjet recording as claimed in claim 1, wherein each of the at least three kinds of inkjet inks contains the coloring agent in an amount of 0.2 to 20 wt%.

11. The ink set for inkjet recording as claimed in claim 1, wherein the at least three kinds of inkjet inks contains a compound represented by the following formula

(1):



wherein A represents a 5-membered heterocyclic group;

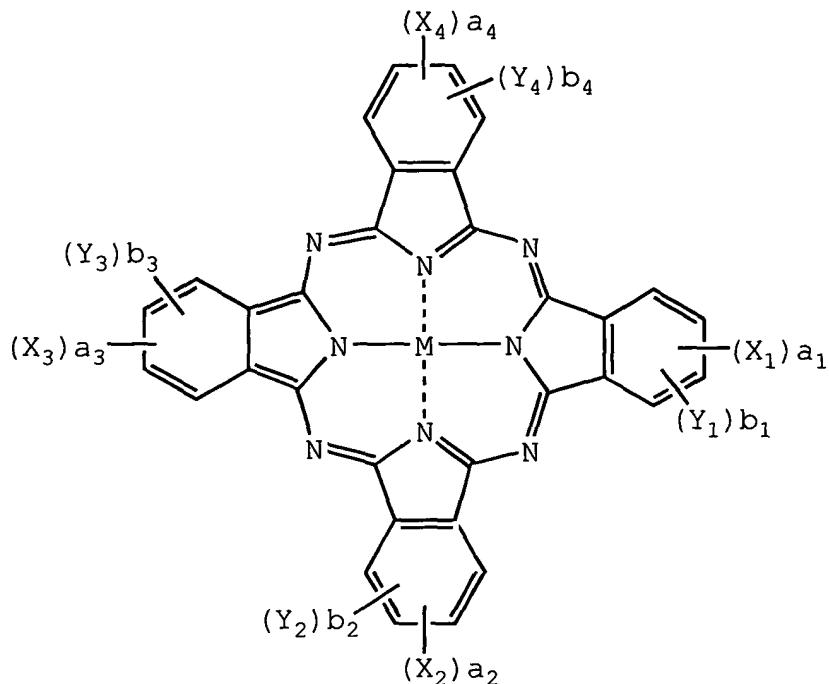
B¹ and B² each represents a nitrogen atom, =CR¹- or -CR²=, and when either one of B¹ and B² represents a nitrogen atom, the other represents =CR¹- or -CR²=; R⁵ and R⁶ each represents a hydrogen atom, an aliphatic group, an aromatic group, a heterocyclic group, an acyl group, an alkoxy carbonyl group, an aryloxy carbonyl group, a carbamoyl group, an alkylsulfonyl group, an arylsulfonyl group or a sulfamoyl group, and the hydrogen atom of each substituent may be substituted;

G, R¹ and R² each independently represents a hydrogen atom, a halogen atom, an aliphatic group, an aromatic group, a heterocyclic group, a cyano group, a carboxyl group, a carbamoyl group, an alkoxy carbonyl group, an aryloxy carbonyl group, a heterocyclic oxy carbonyl group, an acyl group, a hydroxy group, an alkoxy group, an aryloxy group, a heterocyclic oxy group, a silyloxy group, an acyloxy group, a carbamoyloxy group, an alkoxy carbonyloxy group, an aryloxy carbonyloxy group, an amino group, an acylamino group, a ureido group, a sulfamoylamino group, an alkoxy carbonylamino group, an aryloxy carbonylamino group,

an alkylsulfonylamino group, an arylsulfonylamino group, a heterocyclic sulfonylamino group, a nitro group, an alkylthio group, an arylthio group, a heterocyclic thio group, an alkylsulfonyl group, an arylsulfonyl group, a heterocyclic sulfonyl group, an alkylsulfinyl group, an arylsulfinyl group, a heterocyclic sulfinyl group, a sulfamoyl group or a sulfo group, and the hydrogen atom of each substituent may be substituted;

R^1 and R^5 , or R^5 and R^6 may combine to form a 5- or 6-membered ring.

12. The ink set for inkjet recording as claimed in claim 1, wherein the at least three kinds of inkjet inks contains a compound represented by the following formula (I):



wherein X_1 , X_2 , X_3 and X_4 each represents $-SO-Z$, $-SO_2-Z$, $-SO_2NR_1R_2$, a sulfo group, $-CONR_1R_2$ or $-CO_2R_1$; Z represents an alkyl group, a cycloalkyl group, an alkenyl group, an aralkyl group, an aryl group or a heterocyclic group; R_1 and R_2 each represents a hydrogen atom, an alkyl group, a cycloalkyl group, an alkenyl group, an aralkyl group, an aryl group or a heterocyclic group; when a plural number of Z s are present, the plurality of Z s may be the same or different; Y_1 , Y_2 , Y_3 and Y_4 each represents a monovalent substituent; when a plural number of X_1 s, X_2 s, X_3 s, X_4 s, Y_1 s, Y_2 s, Y_3 s or Y_4 s are present, the plurality of X_1 s, X_2 s, X_3 s, X_4 s, Y_1 s, Y_2 s, Y_3 s or Y_4 s may be the same or different; M represents a hydrogen atom, a metal atom, or an oxide, hydroxide or halide thereof; a_1 to a_4 and b_1 to b_4 each

represents the number of substituent X_1 , X_2 , X_3 , X_4 , Y_1 , Y_2 , Y_3 or Y_4 , and a_1 to a_4 each represents an integer of 0 to 4 but all of a_1 to a_4 are not 0 at the same time; b_1 to b_4 each represents an integer of 0 to 4.

13. An inkjet recording method, comprising forming an image using the ink set for inkjet recording claimed in claim 1.